

/ă/ at  
 /ā/ ate; cake  
 /aw/ want

/ă/ is spelled with an a in closed syllables

/ā/ is spelled with an a in open syllables

/ā/ is spelled with an a in CVe words

/ă/ Closed	van	rag
	tan	tag
sat	sad	flag
bat	mad	
sat	dad	
fat	had	
mat	pad	
rat	cap	
hat	tap	
man	map	
can	nap	
pan	lap	
ran	rap	
fan	bag	

/ā/ CVe	page	tale
	face	whale
	gave	pale
made	save	fade
name	wave	wade
same	tape	shade
came	safe	grade
make	ate	trade
take	gate	shape
bake	hate	cape
cake	late	mate
lake	date	wake
age	sale	fake
cage	male	brake

/ā/ Open	cable
	famous
baby	patient
bacon	agent
paper	labor
table	volcano
April	alien
taking	blazon
named	matrix
races	scathing
later	oasis
potato	
shaken	
basin	

/aw/
tall
wall
mall
talk
walk
calm
palm
bald
halt
salt
small
stall
stalk

/k/ cat

/s/ cent

c when followed by e, i, or y says /s/; French origin

/k/		
	cart	colt
	case	cope
cab	cash	cord
cage	cast	corn
call	cat	cost
came	cave	cot
camp	coal	cough
can	coast	could
cane	coat	count
cap	cob	court
cape	cod	cove
car	coil	cow
card	con	cub
care	cold	cube

/s/		
	city	ounce
	ace	pace
ceiling	brace	race
celery	choice	rice
cell	dance	trace
cellar	face	voice
cement	force	
cent	dance	
cereal	face	
cinch	ice	
cinder	lace	
circle	mercy	
circus	mice	
citizen	notice	

/d/ did

/d/		
dad	den	bud
damp	dent	cloud
dark	desk	cod
dash	dew	creed
date	did	did
dawn	die	fad
day	dig	fed
deaf	bad	feed
deal	bead	food
debt	bed	freed
deck	bid	glad
deep	bird	good
deer	braid	greed
	bread	hand

/f/ fix

/f/		
fad	fate	goof
fade	feast	grief
fail	feather	hoof
faint	fed	huff
fair	feed	if
fake	feel	knife
fall	fell	leaf
false	fence	life
fame	beef	loaf
fan	brief	off
far	chef	proof
farm	chief	puff
fast	deaf	reef
	elf	roof

/g/ go

/j/ gentle

g when followed by e, i, or y says /j/; French origin

/g/		
gain	give	dig
game	go	dog
gap	goal	drag
gas	goat	drug
gasp	goes	dug
gate	gold	fig
gave	golf	flag
gear	gone	fog
geese	bag	frog
get	big	hog
gift	bog	hug
gill	bug	jig
girl	chug	jug
	clog	keg

/j/		
garage	age	stage
gee	bulge	stingy
general	cabbage	strange
generous	cage	stranger
genius	change	urgent
gentle	collage	village
geography	courage	wage
germ	damage	
giant	danger	
ginger	forge	
giraffe	huge	
gym	magic	
gypsy	page	
	rage	

/ŏ/ on

/ō/ so

/oo/ do

/ŏ/ is spelled with an o in closed syllables

/ō/ is spelled with an o in open syllables

/ō/ is spelled with an o in CVC words

Sometimes the letter o says /ō/ when followed by two consonants

/ŏ/ Closed	shop	log
	job	frog
not	rob	fog
got	cob	jog
hot	mob	
lot	blob	
pot	sob	
dot	lock	
shot	rock	
hop	sock	
pop	dock	
mop	clock	
cop	block	
stop	dog	

/ō/ CVC	pole	chose
	joke	those
	stone	close
	wove	owe
home	drive	rove
nose	dome	cove
hole	globe	stove
rope	cone	whole
robe	zone	sole
note	role	wrote
hose	stole	choke
hope	doze	poke
vote	froze	poke
code	pole	smoke
mole		

/ō/ Open
go
no
so
ho
yo-yo
robot
pony
donate
motor
soda
rodent
cobra

/oo/
to
do
who
two

/ō/ VCC	jolt
	volt
old	most
gold	folk
hold	roll
cold	poll
told	stroll
fold	scroll
mold	post
sold	ghost
bold	host
scold	
bolt	
colt	

/s/ so

/z/ as

s never says /z/ at the beginning of a word

/s/		
	sat	kiss
	sauce	less
safe	save	loss
sag	saw	mess
sage	sax	miss
said	sea	moss
sail	see	octopus
sake	seed	pass
sale	seek	plus
salt	seem	this
same	boss	toss
sand	bus	us
sang	circus	yes
sap	gas	

/z/		
	excuse	rose
	fuse	shoes
amuse	girls	suppose
as	had	tease
because	his	these
birds	hose	those
boys	is	was
cars	noise	wise
cheese	nose	
chose	pause	
close	please	
daisy	praise	
dogs	raise	
easy	rise	

/kw/ quit

/k/ mosquito

q is always followed by the letter u

/kw/ quasi

quick  
queen  
quack  
quit  
quail  
quiet  
quarter  
squad  
squeaky  
squirrel  
equal  
liquid



/b/ bed

/b/	barn	crab
	base	crib
back	basket	cub
bad	bass	dab
badge	bat	grab
bag	batch	bib
bait	bath	drab
bake	bathe	knob
ball	beach	lab
balloon	bead	rib
ban	bib	rob
band	cab	rub
bank	cob	scrub
bar	club	sob

/ĕ/ end

/ē/ me

/ĕ/ is spelled with an e in closed syllables

/ē/ is spelled with an e in open syllables

/ē/ is spelled with an e in CVe words

The letter is almost always silent at the end of a word  
and has a specific job

/ĕ/ Closed	beg	bent
get	peg	dent
let	less	cent
bet	mess	yes
met	bless	web
men	deck	egg
den	neck	elm
hen	best	gem
fed	nest	them
wed	pest	hem
tell	end	next
bell	bend	step
cell	lend	kept
	mend	wept

/ē/ CVe	/ē/ Open
eve	me
scene	he
scheme	we
theme	be
these	the
	she

Silent E Jobs
1. Bossy E– the e indicates that the vowel make the long sound CVe (Cake)
2. C or G when followed by E, I, or Y makes the second or soft sound (change, charge)
3. English words cannot end in the letter V (have)
4. Final Stable Syllable LE– all English syllables must have a written vowel (little)
5. Indicates non-plural (house)
6. Historical/Foreign Spelling (are)

/h/ hot

/h/	hate	here
	have	high
hair	hay	hill
half	he	him
hall	head	hip
halt	heal	his
ham	hear	hit
hammer	heard	hive
hand	heart	hoe
hang	heat	hog
hard	heel	hold
hare	help	hole
has	hem	home
hat	her	hood

/ĩ/ it

/ī/ final

/ē/ machine

/ĩ/ is spelled with an i in closed syllables

/ī/ is spelled with an i in open syllables

/ī/ is spelled with an i in C*Ve* words

sometimes the letter i says /ī/ when followed by two consonants

/ĩ/ Closed	dim	if
it	him	is
is	trim	with
bit	dip	wish
fit	hip	him
did	lip	his
dig	lick	kiss
dig	kick	dish
fig	link	limp
in	pink	risk
will	mint	inch
dill	hint	disc
hill	itch	fifth
	king	sixth

/ī/ C <i>Ve</i>	vine	pine
like	drive	site
bike	life	lice
dime	ripe	twice
five	ice	tribe
while	rice	stride
white	mile	spine
hide	pile	whine
ride	wise	fife
size	wife	knife
dine	pride	thrive
nine	wipe	prize
	spike	guide
	lime	slice

/ī/ Open
pilot
silent
diner
writer
tiger
siren
pirate
private
spiral
biker
visor
minus

/ī/ VCC
find
kind
mind
climb
child
wild
blind
grind
hind
sign
bind
wind

/ē/ Open
funnier
Indian
furious
various
medium
patriot
radio
period
happier

# /j/ jug

When the sound /j/ occurs at the end of a word it is typically spelled dge or ge; English words cannot end in the grapheme j.

/j/	jet	just
	jig	
jab	job	
jacket	jog	
jacks	joke	
jade	jolt	
jail	joy	
jam	jug	
jar	juice	
jaw	July	
jay	jump	
jeans	June	
jeep	junk	
jerk	jury	

# /k/ kick

/k/	king	hook
	kiss	leak
kale	kit	look
kangaroo	kite	milk
keen	kitten	oak
keep	bank	peak
help	beak	peek
kept	bike	seek
kettle	bleak	shook
key	book	sink
kid	break	skunk
kill	cook	soak
kilt	desk	steak
kind	fork	think

/l/ leg

/l/	lash	bowl
	last	camel
lab	latch	coal
lace	late	coil
lake	leaf	cool
lad	leak	fail
ladder	lean	feel
lag	leap	foil
laid	least	goal
lake	leaves	hail
lamp	left	heal
land	leg	heel
lane	bail	jail
lap	boil	mail

/m/ mat

/m/		
	mash	farm
	mask	firm
mad	mat	gem
made	match	gloom
mail	math	gram
mail	may	gum
main	meal	ham
make	beam	him
man	boom	hum
mane	broom	jam
many	bum	loom
map	clam	mom
marble	dream	plum
march	drum	ram



/n/ no  
/ng/ bank

/n/		
	new	bun
	next	button
nab	nice	can
nag	nick	chain
nail	nickel	pan
name	night	pen
nap	nine	sun
napkin	nip	van
near	apron	win
neck	ban	seen
need	been	run
needle	bean	spoon
nest	bin	pain
net	brain	moon

/ng/	
	shrunk
	sink
bank	sunk
bring	tank
drink	thank
drunk	wink
honk	
ink	
junk	
link	
mink	
pink	
rank	
sank	

/p/ pat

/p/	pat	clip
	patch	crop
pack	paw	cup
pad	pay	deep
page	pea	dip
pail	peach	drip
pain	peak	drop
paint	pear	flap
pal	pedal	flip
pale	peel	flop
pan	cap	heap
pant	cheap	hip
pass	chip	jeep
past	chop	keep

# /r/ rap

/r/	rank	rig
	rap	right
rabbit	rat	rim
race	rate	ring
rack	rattle	rink
radio	rave	rip
rag	raw	ripe
rail	ray	rise
rain	real	road
rake	red	roast
ram	rent	rob
ramp	rib	robe
ranch	rich	rock
range	ride	rod

/t/ top

/t/		
	tar	boat
	tea	boot
tab	teach	but
table	team	carrot
tack	tear	cat
tag	tease	cheat
rail	tee	coat
take	teen	cot
talk	tell	cut
tall	bat	dog
tame	beat	eight
tan	been	fat
tap	bet	feet
tape	bit	fit

/ŭ/ up

/ū/ music

/oo/ true English words cannot end in the letter U

/oo/ put

/ŭ/ is spelled with an u in closed syllables

/ū/ is spelled with an u in open syllables

/ū/ is spelled with an u in CVe words

/ŭ/ Closed		
	jug	put
	hug	cup
cut	tug	bus
nut	fun	much
hut	bun	such
but	run	plus
shut	sun	thus
tub	gun	fuss
rub	duck	buzz
cub	luck	fuzz
club	suck	tusk
bug	truck	dusk
rug	tuck	husk
dug	up us	gull

/ū/ CVe	
	dude
	nude
	crude
use	dune
cute	flue
rude	fume
rule	chute
mule	mute
tune	plume
June	prune
tube	muse
cube	spruce
duke	
huge	

/ū/ Open
uniform
music
Lulu
truly
human
tulip
unit
humor
tuna
fury
fluid
duty

/oo/
blue
true
Sue
due
clue
cue
sue
flue
rue
hue
value
argue
tissue

/oo/	pushing
put	vengeful
push	wistful
pull	
bush	
bull	
bully	
butcher	
pulley	
output	
awful	
bullet	
ambush	
pulled	

# /v/ van

English words cannot end in the sound /v/, it is always followed by the letter e

/v/		
	verse	dive
	very	dove
van	vest	drive
vase	view	drove
violin	vine	five
vain	visit	gave
van	voice	give
vane	vote	glove
vase	alive	grave
vat	arrive	grove
vault	brave	have
veal	carve	hive
vein	case	leave
vent	cove	live

/w/ win

/w/		
	war	wealth
	ware	wear
wad	warm	weave
wade	warn	web
wag	wash	weed
wage	wasp	week
wagon	waste	weep
waist	watch	weight
wait	water	wet
wake	wave	wick
walk	wax	wife
wall	way	wig
wand	we	wolf
want	weak	wood

# /ks/ box

Only occurs at the end of words

# /eks/ x-ray; example

Most of the time it is preceded by the /ě/ vowel that makes it sound like the name X.

# /z/ Xerox

/ks/	
	sphinx
	boxes
box	fixed
fix	mixing
next	waxy
wax	sixth
six	prefix
ax	suffix
coax	saxophone
ox	oxygen
relax	crucifix
complex	
hoax	
lax	

/eks/	
	exert
	exist
except	exult
excuse	exhort
exciting	exude
expect	
dexterity	
extinguish	
experience	
example	
exact	
exhaust	
exactly	
exempt	

/z/
Xerox
Xylophone



**/y/ yet** The consonant y is used only at the beginning of a syllable, usually the first one

**/ĩ/ myth** This is a closed syllable; Greek origin

**/ī/ my** The /ī/ sound at the end a stressed syllable words is spelled with a Y

**/ē/ baby** The /ē/ sound in a multiple syllable word can be spelled with a Y; it is an unstressed syllable and usually at the end

<b>/y/ consonant</b>	
yoke	
yolk	
yacht	you
yak	young
yam	your
yank	yowl
yard	yo-yo
yarn	yuck
yawn	
year	
yeast	
yellow	
yes	
yield	

<b>/ĩ/ Closed</b>
myth
gym
gyp
hymn
lynch
cyst
nymph
mystery
pygmy
mystic
syllable

<b>/ī/ Open</b>	
spry	
lying	
trying	
flyer	
drying	
tying	
rely	
dryness	
supply	
apply	
ally	
comply	
reply	
occupy	
my	
try	
sky	
why	
by	
shy	
fry	
pry	
deny	
defy	
ply	
wry	

<b>/ē/ Open</b>	
victory	
finally	
suddenly	
icy	
baggy	
greedy	
dirty	
agency	
geology	
anyhow	
family	
ability	
monopoly	
polygon	
happy	
baby	
country	
only	
pretty	
ninety	
envy	
hobby	
nasty	
angry	
dreamy	
clergy	

# /z/ zero

words beginning with a /z/ are always spelled with a Z  
not an S

/z/	zoo	prize
	zoom	quiz
zag	blizzard	size
zap	breeze	sneeze
zeal	buzz	snooze
zebra	buzzard	squeeze
zero	daze	trapezoid
zest	doze	whiz
zinc	dozen	
zing	fizz	
zip	freeze	
zipper	froze	
zone	fuzz	
zonk	hazy	

/er/ her  
/er/ the /er/ of her

Use the mnemonic  
Her first nurse works early in her car eating Oreos.

/er/	mother	verb
	nerve	verge
after	other	verse
better	over	water
certain	perch	winter
clerk	perk	
ever	person	
fern	river	
germ	serve	
her	sister	
herd	stern	
jerk	swerve	
letter	term	
merge	under	

# /er/ first

/er/ the /er/ of first

Use the mnemonic

Her first nurse works early in her car eating Oreos.

/er/	
	girl
	quirk
bird	shirt
birth	sir
birthday	skirt
chirp	squirm
circle	squirt
circus	stir
dirt	swirl
dirty	third
fir	thirst
firm	twirl
first	whirl
flirt	

# /er/ nurse

/er/ the /er/ of nurse

Use the mnemonic  
Her first nurse works early in her car eating Oreos.

/er/	
	purple
	purr
blur	purse
burn	spur
burst	Thursday
church	turkey
churn	turn
curb	turtle
curl	urge
curse	
curve	
fur	
hurt	
nurse	

# /wer/ works /er/ the /er/ of works

The or changes to /er/ when a w is preceeding the phonogram

Use the pneumatic

Her first nurse works early in her car eating Oreos.

/wer/

worry  
worth

word  
work  
world  
worse  
worst  
worth  
whorl  
worker  
worship  
worthy  
worthless  
worm

# /er/ early

/er/ the /er/ of early

Use the mnemonic  
Her first nurse works early in her car eating Oreos.

/er/

rehearsal  
search

earth  
earn  
heard  
earl  
pearl  
search  
dearth  
hearse  
yearn  
learnt  
learn  
early

**Important  
exceptions**

**see**

**ea**

**phonogram**

ear  
beard  
heart  
hearth  
hearken

# /sh/ shut

/sh/ is used at the beginning or end of a base word, at the end of a syllable, not at the beginning of a syllable after the first one except for the ending –ship

If the sound /sh/ occurs in Latin roots it is typically spelled with a ci, ti, si or s/ss in front of an unstressed /ū/ (censure or tissue)

/sh/	shave	fish
	shawl	flash
shack	she	fresh
shade	shear	gash
shadow	shed	gush
shake	sheep	lash
shall	ash	leash
shallow	blush	mash
shame	brush	mesh
shampoo	bush	mush
shape	cash	push
share	clash	rash
shark	crash	smash
sharp	crush	splash



/ē/ see

/ē/ double ee always says /ē/  
been should be pronounced /bēn/

/ē/	flee	reef
	greed	screech
bee	green	screen
beech	greet	see
beef	heed	seed
beep	jeep	seek
beet	keep	seem
cheese	knee	seen
creep	meet	seep
deed	need	sheep
deep	peek	sheet
fee	peel	steel
feed	peep	steep
feel	queen	sweep

/th/ thin unvoiced  
~~/th/~~ this voiced

/th/		
	thistle	fifth
	thorn	fourth
thank	three	growth
thaw	throw	length
theater	thumb	math
theme	throw	moth
thick	thunder	mouth
thief	bath	north
thin	birth	oath
thing	booth	path
think	both	sixth
third	broth	south
thirst	cloth	teeth
thirty	death	tooth

<del>/th/</del>	
	thus
	bath
than	gather
that	smooth
the	together
their	whether
them	
thn	
there	
these	
they	
this	
those	
thought	

# /ā/ pay

/ā/ two letter /ā/ that we do use at the end of English words

/ā/	
	ray
	say
bay	spray
day	stay
clay	stray
gay	sway
gray	tray
hay	way
jay	
lay	
may	
pay	
play	
pray	

# /ā/ paid

/ā/ two letter /ā/ that we don't use at the end of English words,  
why? English words never end in the letter l.

/ā/	frail	rail
	grain	raise
aid	jail	sail
aim	laid	snail
bait	maid	Spain
braid	mail	stain
Braille	main	strain
brain	nail	tail
chain	pain	trail
claim	paint	train
drain	plain	vain
fail	praise	waist
faint	raid	wait
faith	rain	

/ow/ how

/ō/ low

/ow/ /ō/ that we do use at the end of English words

/ow/	
	frown
	gown
allow	growl
bow	how
brow	howl
brown	now
chow	owl
clown	plow
cow	powder
crowd	power
crown	prowl
down	sow
drown	towel
fowl	tower

/ō/	
	mow
	pillow
bow	row
bowl	shadow
crow	show
flow	shown
flown	slow
glow	snow
grow	sparrow
grown	stow
know	swallow
known	throw
low	thrown
mellow	tow

/ow/ out

/ō/ four

/oo/ you

/ŭ/ touch

That we don't use at the end of English words, why? English words don't end in the letter U except for the word you

/ow/	
	hound
	house
about	loud
bounce	mound
bund	mouse
couch	mouth
count	noun
crouch	ouch
doubt	out
flour	pouch
foul	pound
found	pout
grouch	proud
ground	round

/ō/	
<b>Some accents change the /ō/ spelled with OU to the /or/ sounds when followed by an r</b>	pour
	course
	court
	mourn
	gourd
	mould
	boulder
	poultry
	shoulder
	soul
	cantaloupe
	discourse
	concourse
fourth	

/oo/	
	tourism
	gourmet
you	acoustics
ghoul	souvenir
youth	contour
wound	caribou
rouge	
tour	
coup	
troupe	
group	
cougar	
coupon	
routine	

/ŭ/	
	jealous
	joyous
touch	
young	
country	
trouble	
famous	
double	
couple	
cousin	
nervous	
zealous	
callous	
pious	

/aw/ saw

/aw/ two letter /aw/ that we do use at the end of English words

/aw/	hawk	strawberry
	jaw	thaw
awful	law	yawn
bawl	lawn	
brawl	lawyer	
caw	paw	
claw	pawn	
crawl	raw	
dawn	saw	
draw	shawl	
drawn	slaw	
fawn	sprawl	
flaw	squawk	
gnaw	straw	

# /aw/ fault

/aw/ two letter /aw/ that we do not use at the end of English words, why English words do not end in the letter u (except for the word you)

/aw/	
	haul
	haunt
audience	launch
August	laundry
author	Paul
autumn	pause
because	sauce
caught	sausage
cause	taught
clause	vault
daughter	
dinosaur	
fault	
fraud	



/oo/ grew

/ū/ few

/oo/, /ū/ that we do use at the end of English words

/oo/

screw  
stew  
threw

blew  
brew  
chew  
crew  
dew  
drew  
flew  
grew  
knew  
new  
news  
screw

/ū/

few  
hew  
mew  
per  
preview  
review  
view

/oo/ neutral

/ū/ feud

/oo/, /ū/ that we do not use at the end of English words, why?  
English words do not end in the letter U (except for the word you)

/oo/

neutral  
neutron  
pseudo  
sleuth  
deuce  
feudal

/ū/

Eugene  
Europe  
eulogy

/oy/ toy

/oy/ that we do use at the end of English words

/oy/

soy

toy

voyage

annoy

boy

coy

decoy

destroy

employ

enjoy

joy

loyal

ploy

Roy

royal

# /oy/ boil

/oy/ that we do not use at the end of English words. Why? English words don't end in the letter l

/oy/	
	noise
	oil
avoid	point
boil	poison
broil	rejoice
choice	soil
coil	toil
coin	voice
foil	
hoist	
join	
joint	
moist	
moisture	

/oo/ boot  
 /oo/ foot

/oo/		
	goose	noon
	groom	ooze
balloon	hoof	pool
bloom	hoop	proof
boo	hoot	roof
boot	igloo	room
broom	loom	root
coo	loop	school
cool	loose	scoop
coop	loot	scoot
doom	moo	shampoo
food	mood	shoo
fool	moon	slop
gloom	moose	soon

/oo/	
	shoo
	soot
book	stood
brook	took
cook	wood
crook	woof
foot	woof
good	
hood	
hoof	
hook	
look	
nook	
rook	

# /ch/ child

Anglo Saxon Origin; the grapheme –ch occurs after long vowels, diphthongs or consonants

# /k/ echo

Greek Origin

# /sh/ machine

French Origin

/ch/		
	cheat	crunch
	check	hunch
chain	cheep	inch
chair	cheese	lunch
chalk	cherry	much
change	chess	munch
chap	chest	peach
chapter	beach	perch
charge	bench	pinch
charm	branch	punch
chart	brunch	quench
chase	church	ranch
chat	clinch	reach
cheap	couch	rich

/k/	
	chemistry
	character
school	technique
chord	chameleon
ach	
chrome	
chaos	
chorus	
anchor	
echo	
orchid	
chloride	
schedule	
architect	
stomach	

/sh/	
	chandelier
	parachute
chef	pistachio
cache	chivalry
chic	
chute	
crochet	
chaperon	
schwa	
mustache	
machine	
chiffon	
chauffeur	
ricochet	

# /ng/ ring

The phoneme /ng/ before /k/ or /g/ is spelled with a N as in bank, sink, and bunk.

/ng/	long	wrangle
	longer	winger
angry	nag	young
bang	rang	
clang	rung	
clung	sang	
finger	sing	
gang	song	
gong	sprung	
hang	strangler	
hung	strong	
hunger	strength	
king	thing	
linger	wing	

/ē/ eat  
/ě/ bread  
/ā/ break

/ē/		
	deal	leaf
	dear	leak
beach	dream	lean
bead	each	leap
beak	east	leach
beam	east	least
bean	feast	meal
beat	flea	mean
bleach	gleam	meat
beak	heal	neat
cheap	heap	pea
cheat	heat	peach
clean	jeans	peak
cream	lead	plead

/ě/	
	lather
	meant
ahead	read
bread	ready
breakfast	spread
dead	sweater
dread	thread
feather	wealth
head	wealthy
health	weather
heaven	
heavy	
instead	
lead	

/ā/
break
steak



**/ar/ far**  
/ar/ the /ar/ of car

Use the mnemonic  
Her first nurse works early in her car eating Oreos.

<b>/ar/</b>	charm	march
	chart	mark
arch	dark	march
Arctic	dart	mart
ark	far	park
arm	farm	part
art	garden	party
bar	guard	scar
bark	hard	scarf
barn	harm	shark
car	harp	sharp
card	jar	smart
cart	lard	spark
charge	large	star

# /k/ pick

/k/ two letter /k/ that we use at the end of a root word after a short vowel

/k/	deck	nickel
	dock	pack
back	duck	package
black	jack	pick
block	jacket	pocket
brick	kick	quack
buck	lack	quick
bucket	lick	rack
checkers	lock	racket
chick	locker	rock
chicken	loket	sack
click	luck	shack
clock	muck	shock
crack	neck	sick

/ed/ graded

/d/ loved

/t/ mixed

past tense ending

Says /ed/ in words that end with a D or T

Says /d/ in words that end in a voiced consonant

Says /t/ in words that end in an unvoiced consonant

/ēd/

landed  
traded  
noddod  
knitted  
pasted  
decided  
discarded  
completed  
connected  
departed

/d/

robbed  
tugged  
dodged  
pulled  
named  
returned  
preferred  
displeased  
relieved  
settled

/t/

picked  
laughed  
reached  
baked  
sniffed  
dashed  
chopped  
addressed  
advanced  
eloped

# /or/ for - Oreo

/or/ the /or/ of Oreo

Use the mnemonic

Her first nurse works early in her car eating Oreos.

/or/	
	force
	pork
or	chord
for	reform
corn	record
porch	stork
house	dormant
torn	
storm	
short	
fort	
morning	
nor	
born	

# /hw/ when

This sound is rapidly disappearing from English and is often pronounced /w/

/hw/	whim	whoops
	whimper	whooper
whack	whine	why
whale	whinny	
wham	whip	
what	whir	
wheat	whirl	
wheel	whisk	
when	whisker	
where	whisper	
whew	whistle	
wey	white	
which	whittled	
whiff	whiz	

/oo/ fruit

/ī/ guide

/ĩ/ build

that we don't use at the end of English words. Why,  
English words don't end in the letter l.

/oo/

juice  
suit  
fruit  
cruise  
bruise  
nuisance  
suitor

/ī/

guide

/ĩ/

build

# /ō/ boat

/ō/ the /ō/ of boat

/ō/	Joan	throat
	load	toad
Boat	loaf	toast
cloak	loan	whoa
coach	moan	
coal	moat	
coast	oak	
coat	oats	
croak	roach	
float	road	
foam	roam	
goal	roast	
goat	soak	
groan	soap	

**/ā/ they** Says /ā/ in single syllable words

**/ē/ valley** Says /ē/ in multiple syllable words;  
used as an inflectional suffix

That we do use at the end of English words.

**/ā/**

whey  
hey  
obey  
grey  
prey  
bey  
purvey  
they

**/ē/**

turkey  
chimney  
valley  
barley  
monkey  
honey  
alley  
hokey  
jersey  
valley  
pulley  
donkey



/ā/ veil

/ē/ ceiling

That we do not use at the end of English words. Why?,  
English words don't end in the letter l.

/ā/

their  
veil  
heir  
reign  
beige  
sleigh  
reindeer

/ē/

either  
neither  
seize  
leisure  
weir  
weird

# /ā/ eight

/ā/ four letter /ā/; Anglo Saxon origin

/ā/

eight  
weigh  
weight  
neigh  
eighteen  
neighbor  
freight  
sleigh

# /ī/ high

/ī/ three letter /ī/; Anglo Saxon origin

/ī/

night  
delight  
tonight

right  
bright  
might  
sight  
knight  
flight  
high  
sight  
sigh  
blight  
plight  
thigh

/ē/ field

/ī/ pie

/ē/

	niece
	grief
brownie	fierce
collie	yield
prairie	tier
laddie	brief
lassie	fiend
birdie	wield
genie	shriek
calorie	pierce
field	frontier
thief	cashier
priest	
shield	

/ī/

lie
tie
die
pie
magpie

# /n/ knight

/n/ two letter /n/ that we only use at the beginning of English Words; Anglo Saxon origin

/n/	knuckle
	knack
know	knoll
knew	knave
knot	knowledge
knight	knickers
knife	
knit	
kneel	
knock	
know	
knead	
knob	
knapsack	

# /n/ gnaw

/n/ two letter /n/ that we use at the beginning and end of English words; Anglo Saxon origin

/n/	foreigner
	deign
gnome	feign
gnaw	gnu
reign	gnash
gnat	
assign	
foreign	
design	
resign	
align	
gnarl	
campaign	
assignment	

# /r/ write

## /r/ two letter /r/

/r/	
	wrath
	unwrap
wrist	wrangle
wrap	wrestle
wrong	wriggle
writer	wrack
written	wreak
wrapper	wrest
wrote	wry
wrinkle	wrought
wring	writ
wrench	
wren	
wreath	

# /f/ phone

/f/ two letter /f/; Greek origin

/f/	
	photon
	dolphin
humph	hyphen
phone	prophet
nephew	physician
elephant	emphatic
telephone	phobia
geography	hemisphere
alphabet	paragraph
telegraphy	phlegm
phrase	lymph
phase	physical
graphs	amphibian
sphinx	



# /j/ badge

/j/ three letter /j/; no word in English ends in the letter j; at the end of syllables, after accented short vowels –dge is used for /j/. After long vowels, diphthongs, unaccented vowels (schwa), or other consonants, -ge is used (wage); g when followed by e, l or y says /j/.

/j/	trudge
	ledge
fudge	fidget
badge	gadget
judge	sludge
pledge	dredge
grudge	midge
lodge	nudge
dodge	ledge
midget	knowledge
badger	cartridge
hedgehog	partridge
budge	
edge	

/ō/ toe  
/ō/ the /ō/ of toe

/ō/ mistletoe

doe  
foe  
goes  
hoe  
Joe  
toe  
woe  
throes  
roe  
oboe  
mistletoe  
tiptoe

# /ch/ catch

/ch/ three letter /ch/; the grapheme -tch is used after an accented short vowel

/ch/	
	patch
	pitch
batch	scratch
catch	sketch
clutch	snatch
crutch	stitch
ditch	stretch
fetch	swatch
hitch	watch
hutch	witch
itch	
latch	
match	
notch	

/sh/ nation  
/sh/ tall letter /sh/

/sh/

question  
education  
direction  
addition

action  
addition  
attention  
fraction  
nation  
station  
vacation  
patient  
station  
motion  
action  
caution

/sh/ session  
/zh/ vision

/sh/

passion  
mission  
session  
mansion  
pension  
expression

/zh/

implosion  
abrasion

vision  
division  
fusion  
decision  
confusion  
invasion  
excursion  
explosion  
lesion  
version  
adhesion  
allusion

# /sh/ special

/sh/ short letter /sh/

**/sh/**

suspicion  
musician

ancient

social

precious

glacier

crucial

racial

spacious

vicious

official

conscience

delicious

magician

/ō/ though  
 /ŭf/ rough  
 /aw/ thought

/ow/ bough  
 /oo/ through  
 /awf/ cough

/ō/	/ŭf/	/aw/		/ow/	/oo/	/awf/
though although doughnut dough borough furlough thorough thoroughbred thoroughfare	rough tough enough toughen roughen slough	ought bought brought fought thought thoughtful sought thoughtless forethought after- thought wrought	doughty besought bethought over- wrought	drought bough slough	through throughout	cough

These are all the words in English that use the ough grapheme .